

Table 2. Total Energy Consumption. Actual vs. Forecasts

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
AEO82	79.1	79.6	79.9	80.8	82.0	83.3						
AEO83	78.0	79.5	81.0	82.4	83.8	84.6						89.5
AEO84	78.5	79.4	81.2	83.1	85.0	86.4						93.5
AEO85	77.6	78.5	79.8	81.2	82.6	83.3	84.2	85.2	85.9	86.7	87.7	
AEO86		77.0	78.8	79.8	80.6	81.5	82.9	84.0	84.8	85.7	86.5	87.9
AEO87			78.9	80.0	81.9	82.8	83.9	85.3	86.4	87.5	88.4	
AEO89				82.2	83.7	84.5	85.4	86.4	87.3	88.2	89.2	90.8
AEO90					84.2	85.4						91.9
AEO91						84.4	85.0	86.0	87.0	87.9	89.1	90.4
AEO92							84.7	87.0	88.0	89.2	90.5	91.4
AEO93								87.0	88.3	89.8	91.4	92.7
AEO94									88.0	89.5	90.7	91.7
AEO95										89.2	90.0	90.6
AEO96											90.6	91.3
AEO97												92.6
AEO98												
AEO99												
AEO2000												
AEO2001												
AEO2002												
AEO2003												
Actual	76.4	76.7	79.2	82.8	84.9	84.6	84.5	85.9	87.6	89.3	91.2	94.2
Average Absolute Error (Across AEOs)	1.9	2.1	1.0	1.5	2.0	1.1	0.7	0.9	1.0	1.3	1.8	3.2
(percent error)												
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
AEO82	3.5	3.8	0.9	-2.4	-3.4	-1.5						
AEO83	2.0	3.6	2.3	-0.4	-1.3	0.0						-1.9
AEO84	2.7	3.5	2.6	0.4	0.1	2.2						2.5
AEO85	1.5	2.3	0.8	-1.9	-2.7	-1.5	-0.4	-0.8	-1.9	-2.9	-3.9	
AEO86		0.4	-0.4	-3.6	-5.1	-3.6	-1.9	-2.2	-3.2	-4.0	-5.2	-6.7
AEO87			-0.3	-3.3	-3.6	-2.1	-0.7	-0.7	-1.3	-2.0	-3.1	
AEO89				-0.7	-1.4	-0.1	1.0	0.6	-0.3	-1.2	-2.2	-3.6
AEO90					-0.9	1.0						0.7
AEO91						-0.2	0.5	0.2	-0.7	-1.5	-2.4	-4.1
AEO92							0.2	1.4	0.4	-0.1	-0.8	-3.0
AEO93								1.4	0.8	0.6	0.2	-1.6
AEO94									0.5	0.3	-0.5	-2.6
AEO95										0.0	-1.4	-3.9
AEO96											-0.7	-3.1
AEO97												-1.7
AEO98												
AEO99												
AEO2000												
AEO2001												
AEO2002												
AEO2003												
Average Absolute Percent Error (Across AEOs)	2.4	2.7	1.2	1.8	2.3	1.4	0.8	1.0	1.1	1.4	2.0	3.4

Table 2. Total Energy Consumption. Actual vs. Forecasts

	Absolute Forecasting Errors as Compared to Actual Historical Figures														
	1997	1998	1999	2000	2001	2002	1985	1986	1987	1988	1989	1990	1991	1992	1993
AEO82							2.7	2.9	0.7	2.0	2.9	1.3			
AEO83							1.6	2.8	1.8	0.4	1.1	0.0			
AEO84							2.1	2.7	2.0	0.3	0.1	1.8			
AEO85							1.2	1.8	0.6	1.6	2.3	1.3	0.3	0.7	1.7
AEO86	88.4	87.8	88.7	89.6				0.3	0.4	3.0	4.3	3.1	1.6	1.9	2.8
AEO87				91.9					0.3	2.8	3.0	1.8	0.6	0.6	1.2
AEO89	91.4	90.9	91.7	92.9						0.6	1.2	0.1	0.9	0.5	0.3
AEO90				97.4						0.7	0.8				
AEO91	91.8	93.1	94.3	95.6	97.1	98.4						0.2	0.4	0.1	0.6
AEO92	92.4	93.4	94.5	95.6	96.9	98.0							0.2	1.2	0.4
AEO93	94.0	95.3	96.3	97.5	98.6	99.7								1.2	0.7
AEO94	92.7	93.6	94.6	95.7	96.7	97.7									0.4
AEO95	91.9	93.0	93.8	94.6	95.3	96.2									
AEO96	92.5	93.5	94.3	95.1	95.9	96.9									
AEO97	93.6	95.1	96.6	97.9	98.8	99.9									
AEO98	94.7	96.7	98.6	99.8	101.3	102.4									
AEO99		94.6	97.0	99.2	100.9	102.0									
AEO2000			96.4	98.2	99.4	100.9									
AEO2001				97.6	99.9	102.2									
AEO2002					98.3	101.0									
AEO2003						97.5									
Actual	94.7	95.1	96.8	98.9	96.3	97.4									
Average Absolute Error (Across AEOs)	2.4	2.1	2.4	3.0	2.2	2.3									

	(absolute percent error)														
	1997	1998	1999	2000	2001	2002	1985	1986	1987	1988	1989	1990	1991	1992	1993
AEO82							3.5	3.8	0.9	2.4	3.4	1.5			
AEO83							2.0	3.6	2.3	0.4	1.3	0.0			
AEO84							2.7	3.5	2.6	0.4	0.1	2.2			
AEO85							1.5	2.3	0.8	1.9	2.7	1.5	0.4	0.8	1.9
AEO86	-6.7	-7.7	-8.3	-9.4				0.4	0.4	3.6	5.1	3.6	1.9	2.2	3.2
AEO87					-7.1				0.3	3.3	3.6	2.1	0.7	0.7	1.3
AEO89	-3.5	-4.5	-5.2	-6.1						0.7	1.4	0.1	1.0	0.6	0.3
AEO90					-1.6					0.9	1.0				
AEO91	-3.1	-2.2	-2.6	-3.3	0.8	1.0						0.2	0.5	0.2	0.7
AEO92	-2.4	-1.8	-2.4	-3.4	0.6	0.7							0.2	1.4	0.4
AEO93	-0.8	0.1	-0.4	-1.5	2.4	2.4								1.4	0.8
AEO94	-2.1	-1.6	-2.3	-3.2	0.4	0.3									0.5
AEO95	-3.0	-2.3	-3.0	-4.4	-1.1	-1.2									
AEO96	-2.3	-1.8	-2.6	-3.9	-0.4	-0.4									
AEO97	-1.2	0.0	-0.2	-1.1	2.6	2.6									
AEO98	0.0	1.6	1.9	0.9	5.2	5.2									
AEO99		-0.5	0.2	0.3	4.7	4.8									
AEO2000			-0.4	-0.8	3.2	3.6									
AEO2001				-1.3	3.7	5.0									
AEO2002					2.1	3.8									
AEO2003						0.2									
Average Absolute Percent Error (Across AEOs)	2.5	2.2	2.5	3.1	2.2	2.4									

Table 2. Total Energy Consumption. Actual vs. Forecasts

	1994	1995	1996	1997	1998	1999	2000	2001	2002	
AEO82										2.1
AEO83		1.7								1.3
AEO84		2.3								1.6
AEO85	2.6	3.5								1.6
AEO86	3.6	4.7	6.3	6.3	7.3	8.1	9.3			4.2
AEO87	1.8	2.8								1.6
AEO89	1.1	2.0	3.4	3.3	4.2	5.1	6.0			2.2
AEO90		0.7								0.7
AEO91	1.4	2.2	3.8	2.9	2.1	2.5	3.3	0.7	1.0	1.6
AEO92	0.1	0.7	2.8	2.3	1.7	2.3	3.3	0.6	0.7	1.4
AEO93	0.6	0.2	1.5	0.7	0.1	0.4	1.5	2.3	2.4	1.0
AEO94	0.3	0.5	2.5	2.0	1.5	2.2	3.2	0.4	0.3	1.3
AEO95	0.0	1.2	3.7	2.8	2.2	2.9	4.3	1.0	1.2	2.1
AEO96		0.6	3.0	2.2	1.7	2.5	3.9	0.4	0.4	1.8
AEO97			1.6	1.1	0.0	0.2	1.1	2.5	2.6	1.3
AEO98				0.0	1.6	1.8	0.9	5.0	5.1	2.4
AEO99					0.5	0.2	0.3	4.6	4.6	2.0
AEO2000						0.4	0.8	3.1	3.5	1.9
AEO2001							1.3	3.6	4.8	3.2
AEO2002								2.0	3.7	2.8
AEO2003									0.2	0.2

Actual

Average Absolute Error (Across AEOs)	1.9
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	1994	1995	1996	1997	1998	1999	2000	2001	2002	Average Absolute
AEO82										2.6
AEO83		1.9								1.7
AEO84		2.5								2.0
AEO85	2.9	3.9								1.9
AEO86	4.0	5.2	6.7	6.7	7.7	8.3	9.4			4.6
AEO87	2.0	3.1								1.9
AEO89	1.2	2.2	3.6	3.5	4.5	5.2	6.1			2.3
AEO90		0.7								0.9
AEO91	1.5	2.4	4.1	3.1	2.2	2.6	3.3	0.8	1.0	1.7
AEO92	0.1	0.8	3.0	2.4	1.8	2.4	3.4	0.6	0.7	1.4
AEO93	0.6	0.2	1.6	0.8	0.1	0.4	1.5	2.4	2.4	1.1
AEO94	0.3	0.5	2.6	2.1	1.6	2.3	3.2	0.4	0.3	1.4
AEO95	0.0	1.4	3.9	3.0	2.3	3.0	4.4	1.1	1.2	2.2
AEO96		0.7	3.1	2.3	1.8	2.6	3.9	0.4	0.4	1.9
AEO97			1.7	1.2	0.0	0.2	1.1	2.6	2.6	1.3
AEO98				0.0	1.6	1.9	0.9	5.2	5.2	2.5
AEO99					0.5	0.2	0.3	4.7	4.8	2.1
AEO2000						0.4	0.8	3.2	3.6	2.0
AEO2001							1.3	3.7	5.0	3.3
AEO2002								2.1	3.8	2.9
AEO2003									0.2	0.2

Average Absolute Percent Error (Across AEOs)	2.1
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